

WAFER INCLUDING AN In-CONTAINING-COMPOUND SEMICONDUCTOR SURFACE LAYER, AND METHOD FOR PROFILING ITS CARRIER CONCENTRATION

Abstract of Disclosure

Method for non-invasively profiling carrier concentration in In-containing compound semiconductor wafers that enables employing the profiled wafers themselves in semiconductor device applications. The method, which using the C/V technique profiles carrier concentration in wafers including an In-containing-compound semiconductor surface layer, is characterized in non-invasively profiling carrier concentration by contacting a liquid electrode on the wafer surface, and without using photo-etching, employing an applied voltage that is up to a voltage surpassing 10V.

Figures

1. Figure 1: A line graph showing the relationship between the number of people and the number of people who are not people. The x-axis is labeled "Number of people" and the y-axis is labeled "Number of people who are not people". The graph shows a linear relationship with a negative slope, starting at (0, 100) and ending at (100, 0).
2. Figure 2: A line graph showing the relationship between the number of people and the number of people who are not people. The x-axis is labeled "Number of people" and the y-axis is labeled "Number of people who are not people". The graph shows a linear relationship with a negative slope, starting at (0, 100) and ending at (100, 0).
3. Figure 3: A line graph showing the relationship between the number of people and the number of people who are not people. The x-axis is labeled "Number of people" and the y-axis is labeled "Number of people who are not people". The graph shows a linear relationship with a negative slope, starting at (0, 100) and ending at (100, 0).
4. Figure 4: A line graph showing the relationship between the number of people and the number of people who are not people. The x-axis is labeled "Number of people" and the y-axis is labeled "Number of people who are not people". The graph shows a linear relationship with a negative slope, starting at (0, 100) and ending at (100, 0).
5. Figure 5: A line graph showing the relationship between the number of people and the number of people who are not people. The x-axis is labeled "Number of people" and the y-axis is labeled "Number of people who are not people". The graph shows a linear relationship with a negative slope, starting at (0, 100) and ending at (100, 0).
6. Figure 6: A line graph showing the relationship between the number of people and the number of people who are not people. The x-axis is labeled "Number of people" and the y-axis is labeled "Number of people who are not people". The graph shows a linear relationship with a negative slope, starting at (0, 100) and ending at (100, 0).